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Sir: PTO

Case Docket No. **PCTEL-023**

22154 U.S.PTO
10/714789



Transmitted herewith for filing is the patent application of

Inventor(s): **Lawrence W. Swift and Sergey Dickey**

For: **METHODOLOGY AND SYSTEM FOR GENERATING A THREE-DIMENSIONAL MODEL OF INTERFERENCE IN A CELLULAR WIRELESS COMMUNICATION NETWORK**

Enclosed are:

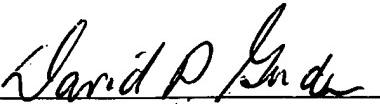
- | | |
|---------------------------------------|--|
| <input checked="" type="checkbox"/> 4 | Sheets of drawings |
| <input checked="" type="checkbox"/> X | Assignment Recordation Sheet |
| <input checked="" type="checkbox"/> X | Assignment of Invention to: PCTEL, INC. |
| <input checked="" type="checkbox"/> X | Entitled to small entity status under 37 C.F.R. 1.9 and 1.27 |
| <input checked="" type="checkbox"/> X | Declaration and Power of Attorney document |
| | Preliminary Amendment and Remarks |
| | Other: |

The filing fee has been calculated as shown below:

| FOR | NO. FILED | NO. EXTRA | SMALL ENTITY | | LARGE ENTITY | |
|----------------------------------|-----------|-----------|--------------|--------------|--------------|----------|
| | | | RATE | FEE | RATE | FEE |
| BASIC FEE | | | | \$ 375 | OR | \$ 750 |
| TOTAL CLAIMS | 27-20 | 7 | X 9 | 63 | | X 18 |
| INDEP CLAIMS | 2 - 3 | 0 | X 42 | | | X 84 |
| MULT. DEPENDENT CLAIMS PRESENTED | | | +140 | | | +280 |
| | | | | TOTAL \$ 448 | | TOTAL \$ |

- A check in the amount of **\$488.00** to cover the filing/assignment recordation fee is enclosed.
 Please charge my Deposit Account No. _____ in the amount of \$ _____.
 A duplicate copy of this sheet is enclosed.
 The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 associated with this communication or credit any overpayment to Deposit Account No. **07-1732**. A duplicate copy of this sheet is enclosed.
 Other:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lawrence W. Swift et al.

Group Art Unit:

Serial No.:

Examiner:

Filed:

Attorney Docket: PCTEL-023

Title: Methodology And System For Generating A Three-Dimensional Model Of
Interference In A Cellular Wireless Communication Network

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

"Express Mail" Mailing Number EV973 921 398

Date of Deposit: November 17, 2003

I hereby certify that the attached patent application, identified above, filing fee and supporting documents, as noted on the Transmittal Sheet, are being deposited, on the date indicated above, with the United States Postal Service as "Express Mail" in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.



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